



THE OFFICIAL JOURNAL OF THE RADIO ASSOCIATION OF ERIE

JULY
1994

QUA ^{W3GV} **RAE**

The Radio Association of Erie is a non-profit club serving the tri-state area by providing emergency communication during a civil disaster, as well as providing communication support for public service events. The club meets 7:00 PM on the first Thursday of each month at the Red Cross Chapter House, 4961 Pittsburgh Avenue, Erie, PA. Membership is open to any person interested in amateur radio. For membership information, contact Bob Schwimmer, N3FAW at 866-3027. Area nets: Tri-State RACES Emergency Net is conducted weekly on 146.61 MHz Sundays at 6:30 PM; ARES/SKYWARN Net on 146.61 MHz Sundays at 9:30 PM; RAE Novice/Technician Net on 28.340 MHz Wednesday at 8:30 PM; 6 Meter AM Net Wednesday at 9:00 PM on 50.52 MHz; 10 Meter RTTY Net on Friday at 8:30 PM on 28.280 MHz.

NEXT SCHEDULED MEETING OF R.A.E.
7:30 PM on July 7, 1994
at RED CROSS BUILDING

**Program: Gene Robertson will be
bringing several radio controlled
airplane models and a video.**

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Post Office Box 844
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PRESIDENT'S CORNER

Dan Miller, K3UFG

Wow ... Summer sure is here!! Hardly seems possible that several short weeks ago, we thought we would never see summer arrive ... and now, we would give just about anything for a few breaths of cool air ... hi hi.

The first item of interest this month is definitely the fact that the repeater is back to normal power thanks to the fantastic efforts of Lou Hahn WB3KVH and his climber (whose name eludes me right now). It seems that some moisture got into the heliax and was causing the poor SWR which in turn caused the repeater to re-transmit at less than normal power limits. Our greatest regards and gratitude to Lou for a very successful climb at a tremendous savings to the R.A.E.

On the public service event scene, there is no rest for the wicked. On June 4th, the Edinboro Triathlon found 16 active radio operators; on the 11th, we supported the MS Bike Classic 100-mile bike trek with 6 people; June 12th was two events: first the MD Assoc. Great Walk on the Peninsula with 9 ops, and the MS Bike Tour with 2 ops at the Elk Creek Township Bldg. Rest Stop. Then on June 18 and 19, 10 people helped with the Lost Hounds Pony Club/Erie Hunt & Saddle Club Horse Trials.

Among those wonderful people volunteering their free time to help with radio communication support for public service events this month are: Sandy McClain N3LKW, Bob Schwimmer N3FAW, Tom Wagner KB2OUA, Jake Craft N3MEC, Cliff Craft N3BZL, Dick Bainbridge W3GZO, Eric Zierenberg N3HUM, Bill Longstreth KA3WDK, Bob Sherwin KB3ALY, Laughlin Forbes W3STK, Karen McLain KB3ALT, Joe

McLain KB3ALU, Jeremy Lobaugh KB3BAM, Eric Petroff KA3WUN, Don Vollant N3KEH, Jeff Huntselman N3NSH, Red Tousey WB3EZY, Ron Prindle N3BXL, Kathy Prindle N3MHQ, Joe Lis N3MLX, Kevin Lis N3NLO, John Lis N3NKKV, Jim Salter WR4W, Liz Salter KB3AKR, myself and last but certainly not least, our Chair-person, Sue Seyboldt. Our heartfelt thanks to everyone for their many, long -- and often very hot -- hours of volunteer service. There is no greater reward than the self-satisfaction that is felt each time we help someone in need.

As we go to press, Field Day and the R.A.E. Picnic is less than one week away. We are now certain that everything is well under the control of Tom KB2OUA and the other Tom KB3APU. In advance, we thank everyone for their support and participation which will inevitably make this year's events the best ever!

Hamfest '94 is the next big event for this year and we hope everyone is gearing up for Sept. 10. As always, donations for the RAE Table are being accepted by Bob N3FAW 866-3027 and myself at 459-2516. If you know anyone wishing to sign up for a table, get in touch with Tom N3HPR at 833-1640.

INTERFERENCE: If you hear any obvious or questionable interference on an RAE repeater, check the input frequency for signal and strength. Then make note of the date, time and type of problem and call Tony 864-4545, Dave 734-4623 or myself immediately. By plotting this information on a map, we can pinpoint the problem station.

Don't forget the next R.A.E. general meeting: Thursday, July 7 at 7:30 PM., and Hamfest 94 meeting at 6 PM.

MINUTES OF THE RAE GENERAL MEETING JUNE 2, 1994

THE PRESIDENT K3UFG CALLED THE MEETING TO ORDER AT 7:35 P.M. AND DIRECTED THE SECRETARY TO TAKE ROLL OF OFFICERS AND BOARD MEMBERS PRESENT. THE FOLLOWING WERE IN ATTENDANCE: N3HUM, W3GZO, K3UFG, KA3QDM, N3HPR, N3FAW, WB3DOM, KA3WYO.

THERE WERE TWO UPGRADES, N3QWB - MARK KOWAL AND N3MEC - JAKE CRAFT.

THE MINUTES AS PRINTED IN THE QUA RAE NEED CORRECTIONS. W3KPE SHOULD HAVE BEEN WB8KPE AND 1466.61 SHOULD HAVE BEEN 146.61. A MOTION TO ACCEPT WAS MADE BY KB3AAW AND SECONDED BY KB2QUA MOTION CARRIED.

WR4W, GAVE A REPORT ON THE SPECIAL EVENT STATION. THEY MADE 235 CONTACTS IN 28 STATES. THANKS TO ALL WHO HELPED MAKE THIS EVENT A GREAT SUCCESS.

KA3WUN, REPORTS THAT TO HF RIG IS ON LOAN, AND THAT OTHER EQUIPMENT IS AVAILABLE.

N3FAW, REPORTS MEMBERSHIP IS AT 232 MEMBERS.

N3RKN, NEEDS ARTICLES FOR QUA RAE. GREAT JOB BY GENE ON THE NEWSLETTER.

N3HPR, GAVE UPDATE ON HAMFEST PREPARATIONS. MEMBERS!! REMEMBER THIS IS OUR MAJOR FUNDRAISER OF THE YEAR. PLEASE HELP BY SELLING AS MANY TICKETS AS POSSIBLE. WR4W, WILL HAVE TICKETS FOR SALE AFTER THE MEETING.

KB2QUA, GAVE FIELD DAY UPDATE. NEED RIGS, EXT. CORDS, ANTENNAS, COAX, ETC. PORTA-POTTY ARRANGEMENTS HAVE BEEN MADE AT A COST OF \$100.00 SET-UP STARTS AT 4:00 P.M. FRIDAY, JUNE 24. N3FAW MADE A MOTION TO ALLOCATE MONEY FOR FIELD DAY AND PICNIC. SECONDED BY WB3DOM. THE ANNUAL CLUB PICNIC STARTS AT 2:00 P.M. SATURDAY, JUNE 25 PLEASE BRING A DISH TO PASS, MEAT AND DRINK WILL BE PROVIDED.

N3HPR, REPORTS THAT ARES Q-SIGNAL CHARTS ARE AVAILABLE ON BACK TABLE.

N3HPR, ANNOUNCED THE SKYWARN TRAINING WILL BE AVAILABLE, JUNE 16, 6:30 P.M. AT ST. VINCENT NURSES CENTER ON WEST 21ST STREET. YOU CAN STILL MAKE RESERVATIONS TODAY.

K3UFG, REPORTS THAT HE IS STILL LOOKING FOR VOLUNTEERS TO PRESENT THE AMATEUR AWARENESS PROGRAM IN AREA SCHOOL THIS FALL.

NEW BUSINESS - WR4W, ASKED ABOUT A CONTRIBUTION TO THE NIAGARA LEAGUE, TO BE DISCUSSED AT BOARD MEETING.

OLD BUSINESS - WB3KKT, ASKED ABOUT PACKET BBS. WORK IS STILL IN PROCESS. QUESTION ON REPEATER PROGRESS, NO REPORT AVAILABLE AT THIS TIME.

ANNOUNCEMENTS - BREEZE SHOOTER HAMFEST, JUNE 9 AT BUTLER. VHF QSO PARTY 6 METER AND UP 2:00 P.M. SAT THRU 11:00 P.M. SUN.

50 - 50 MONEY WINNERS WERE:

KB3AAW - \$33.00
KB3AAW - BREEZE SHOOTERS TICKET
N3NLO - BREEZE SHOOTERS TICKET
KB3AAX - ARRL SIGN
W3TPW - ARRL SIGN

A MOTION TO ADJOURN WAS MADE BY N3LBI AND SECONDED BY N3HPR, MOTION CARRIED.

SECRETARY
KA3WYO - DENNIS SHARER

CLASSIFIED ADS

For Sale:

Commodore C-64-C complete with:
Monitor (Green); Heavy Duty
Power Supply (Not the "Brick");
FSD-2 5 1/4" Disk Drive; Star
Micronics NX100C printer;
Telephone Modem; RS-232C
interface; FastLoad Cartridge;
Digicom-64 HF packet board with
software; Misc Ham &
productivity software. All
Documentation & Manuals.
Excellent condition. Package
Price: \$275.00

Kantronics Hostmaster-64
Software: \$25.00

QUICKPRO+II Automatic Program
Writer Software for C-64:
\$10.00

The whole darn thing: \$290.00

Kantronics KPC-2 with manuals
and documentation: \$100.00

N3EFN Bernie 763-1529

For Sale:

Yaesu 101E like new condition.
CW and AM filters. Output
converted to American tubes.
Connected & will demonstrate.
\$350.00 firm

N3OJF Ralph 838-7367 aft 6

For Sale:

Kenwood TS-440S Transciever
with Astron power supply and
MFJ Tuner. Excellent
condition.

KA3VSH Jerry 454-5619

For Sale:

Commodore C-64-C w/microline
power supply \$50. (2)
Commodore C-64 w/Comm. power
supply \$40 each. Commodore
1702 color monitor \$70.
Magnavox amber monitor \$40.
Accelerator+ floppy drive
w/power supply \$60. Comm 1541-
II floppy drive w/ps \$50.
Commodore 1541 floppy drive
w/built in ps \$50. Commodore
MP803 printer \$60. Okidata 120
Printer \$60. Commodore
300/1200 modem \$20. Commodore
tape drive \$10. (2) Commodore
joy stix \$2. ea. CARS Packet
TNC & Software \$40. AEA HR-4
440mhz ht antenna \$15. Yeasu
lapel mike & earpiece, fits
Yaesu, Icom, & RS \$15. Ramsey
PA-10 2m linear amp 5/40. \$70

N3LBI Bob 898-1115 aft 6

CLASSIFIED ADS ARE FREE TO ANY
RADIO ASSOCIATION OF ERIE
MEMBER, AND THEY REALLY WORK!
IF YOU WANT TO BUY, SELL, OR
TRADE ANYTHING OF USE TO OTHER
HAMS, SUBMIT YOUR WRITTEN COPY
TO ME - GENE N3RKN - BEFORE THE
15TH OF THE MONTH IN WHICH YOU
WISH YOUR AD TO APPEAR.

NON-MEMBERS MAY ALSO ADVERTISE
AT THE RATE OF \$2.00 PER MONTH
IN ADVANCE TO GENE ROBERTSON,
1215 MAPLE AVE. LAKE CITY, PA
16423.

*The Ashtabula County Amateur Radio Club
Announces The Fifth Annual*



ASHTABULA COUNTY HAMFEST



AND

COMPUTER SHOW

SUNDAY, JULY 31, 1994

8:00 A.M. - 2:00 P.M.

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9 a.m. - 9 p.m. Weekends

Directions and Mobile Check In

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\$4.00**

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Editor's Notes

This month, I would like to tell you about some new information sources & interesting products.

Since amateur radio and computers seem to go together, it should be no surprise that COMPUSERVE, one of the largest on line information sources, has a very active ham radio forum called HAMNET. In addition to the usual Q&A, HAMNET boasts a large swap and shop area as well as customer support areas for several major brands of amateur gear. Last month I had occasion to use the ICOM support area and found it to be very helpful. I had a question about an old ICOM 25 mobile radio I had purchased and made an inquiry. Later that day when I logged into the system I found an answer to my question, an offer to fax me a schematic for the modification I needed and a toll free number to call if I needed further information. What great service. This net is a great resource, especially for new hams. It is like having over 1000 elmers, each with a different opinion, Hi Hi.

Also of interest to computer users is a new service from a company called Seattle Film Works. The service is called "Pictures On Disk". The company specializes in film

developing and enlarging and I have used their services for several years. I particularly like the service where they take a roll of print film and develop it into negatives, prints, and slides.

Well, now they have a service where for an additional \$4 per roll they will digitize your pictures onto a standard floppy disk which can be read on an IBM PC. They will even digitize your existing pictures/negatives. They even include free software which allows you to view the images, transfer them via modem, make your favorite image into a screen saver, insert them into most word processing programs, etc.

You are also allowed to copy the software so you can send the images on disk to friends with computers to view. I have used the service several times now and it is great. For all the details, you can call Seattle Film Works at (800) 445-3348, and they will send you an information packet.

73

Gene, N3RKN

Volunteer Examiner's Report

Congratulations are in order to Regina Lossie, N3QMT, who made her Amateur Extra at the June test session at Villa Maria. Also moving up the ladder in upgrading were Michael Hill, KB3AXI, of Seneca, who passed Advanced, and Edward Weidow, W3LZK, of Kane, who also passed Advanced.

Edward is one of the old timers, first licensed in 1925 and his age is now 83. Many of us have a so-called reissued call, a second time around. In fact, my call, W3CG was the original call of the US Coast Guard station at Washington, DC. Edward's call is an original and while a number can still make this claim, it is one which denotes early achievement and one to be proud of.

Upgrading to General was Franklin Cutshaw of Corry, and one new licensee, Shawn Hastwell, of Steubenville, Ohio who passed the Technician Plus.

Please make note of the following address for use in license renewal, since the address is no longer carried on the 610 form and it has changed.

Federal Communications

Commission, 1270 Fairfield Road, Gettysburg, PA 17325

Remember also that the current 610 form is dated November 1993, and Gettysburg will not process any of the older forms.

Current forms are available from your VE Team.

The next testing session will be held at Villa Maria Center, 2551 W. 12th Street, in Erie, on Saturday, July 2, at 8 A.M.

Note also that the location has changed to the opposite end of the College grounds, and in the building called Hammermill. Drive past the present building, called A'Hearn Hall, and the parking lot and building will be visible on your left. The distance is not great from that of the present location, but you will want to park in the nearer parking lot.

Bring any current license, plus a copy of the license, and any current Certificate of Completion, plus a copy of the Certificate.

For any further information, contact me at (814) 665-9124.

Norma Vanderhoff, W3CG
ARRL VE Liaison

1994 R.A.E. CHRISTMAS PARTY QUESTIONNAIRE

This year's Christmas Party will be held on Sunday, December 11 at the Erie Maennerchor Club, 1607 State St. To enable us to make this the best ever, we need to know the wishes of the majority of our membership. Therefore, it is necessary that you please take the time to fill out this questionnaire and get it back to me so I can compile the information and set it up the way YOU want.

- 1a. BUFFET or SIT-DOWN 1b. Approx. Number Attending

2. If Buffet, the cost is \$9.95. Pick three choices from the following:
____ SLICED COUNTRY HAM,
____ BAKED OCEAN WHITE FISH,
____ PASTA PRIMAVERA,
____ BEEF TIPS OVER NOODLES,
____ SEASONED ROASTED CHICKEN
All Buffets include vegetable, potato, choice of tossed or fresh fruit salad, rolls and butter, coffee/tea.
3. SIT-DOWN dinners must be requested 1 week in advance. Choices are:
____ PRIME RIB (\$10.95)
____ STUFFED CHICKEN BREAST (\$9.95)
____ BROILED SCROD, HADDOCK or ORANGE ROUGHY (\$8.95)
All Entrees include choice of potato, vegetable, tossed salad, rolls, coffee or tea. Desserts available.

----- PRICES DO NOT INCLUDE TAX OR GRATUITY -----

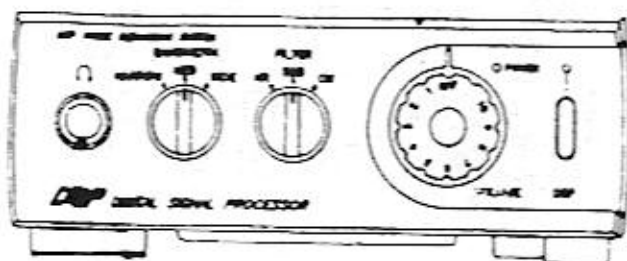
This information will enable us to confirm sizes and quantity. Your exact order will be taken later with payment. Fill out and mail to: Dan Miller, R.A.E. Pres., 130 W. 21st St., Erie, PA 16502, or bring with you to any monthly meeting from now until November. Thank you in advance for your cooperation.

Special Event Wrap Up

The Special Event Station held aboard the US Brig Niagara was an overwhelming success! The station made 235 contacts in 28 States and the District of Columbia. A total of 14 operators made 2 way SSB contacts as far away as Vancouver BC, and were even heard by a station in Ireland. Among the contacts made during the course of the day were 2 decommissioned submarines, and a message from an Amateur in North Carolina was relayed to his father who was conducting tours of the Brig.



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Space Shuttle Mission

The next Space Shuttle mission, STS-65, is set to blast off on July 8, 1994. Crewmembers aboard include Donald A. Thomas, KC5FVF, and another astronaut who is still awaiting his license. This 14 day mission will include SAREX activity on the frequencies listed below.

Note: separate TX and RX frequencies will be used.

Voice Frequencies:

Downlink (worldwide)	145.55	Uplink (US)	144.91	144.93
			144.95	144.97
			144.99	

Uplink (Europe)	144.70	144.75
	144.80	

Packet Frequencies:

Downlink	145.55	Uplink	144.49
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Art Paavola, D.V.M.

Tom McClain, D.V.M.

Jeff Paavola, D.V.M.

Dan, K3UFG, and Bob, N3FAW, are accepting donations of Ham / electronic related items which will be sold on our club table at the Hamfest. Call Dan at 459-2516, or Bob at 866-3027 if you have anything you would like to donate.

Everything in Amateur Radio



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Fri. 10:30 to 9

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HAMFEST 94

HAMFEST 94:
SATURDAY, SEPTEMBER 10, 1994

Hamfest 94 is just a few months from now. This is our club's largest fund raiser for the year. With the profits from the hamfest we are able to provide the club with funds to carry on many projects throughout the year, and at the same time keeping the annual dues very low. I ask you as one club member to another to please do your share in selling the 50-50, TV and hamfest admissions tickets. Everyone says let the "other guy" do it. Well let's all be that "other guy" and show your support for the RAE and Hamfest 94. You

will be receiving tickets in the mail shortly. Please try to sell all the tickets you will receive. If you need more tickets for the "other guy" to sell your contact person is Eric KA3WUN. He can be reached on the 146.61 repeater or by phone 833-0830. If you are unable to contact Eric, please call me and I will see that more tickets are provided. Thanks for your continued support for Your Club!!!!

73

Tom McClain N3HPR

Hamfest Chairman

Warren Radio

Steve
Tim
Mark
Andy

WA3JJT
KA3CKS
N3LQJ
N3NST

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Saturday 9:00 - 5:00**



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10 Meter Mobile
10 Meter FM...work those repeaters
Mobile HF whip antennas
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Antenna Tower
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